



WELL LOGGING SERVICE

WELL MACKEREL NO. 3
COMPANY ESSO AUSTRALIA P/L
COUNTY GIPPSLAND BASIN
STATE VICTORIA

LEGEND
DEPTH CORRESPONDS TO DRILL
PIPE MEASUREMENTS.
NB NEW BIT
NCB NEW CORE BIT
DST DRILL STEM TEST
NR NO RETURNS
TG TRIP GAS
CO CIRCULATE OUT RETURNS

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SAND GRANITE WASH LIME STONE CHERT
SHALE GYP ANHYDRITE DOLOMITE LIGNITE

CUTTINGS ANALYSIS

TOTAL GAS _____
METHANE _____
LIQUID HYDROCARBONS
(C₆₊) ----- 6+ -----

DRILLING RATE
 FT. PER HR. MIN. PER FT.
800 400 200
VISUAL POROSITY
GST

LITHOLOGY

ppm HYDROCARBONS IN MUD M=1000

CO₂ 1.5M 3M 4.5M C₂ C₃ C₄ C₅₊
O 1M 5M 10M O 2M O 2M O 2M O 2M
OIL TSG 2/5 50 75 O 2M O 2M O 2M O 2M

OIL TSG 25 50 75

HOT WIRE --- -- 30 units = 1% TOTAL GAS IN AIR

PPM --- C₁

CO₂ --- ppm

LOGGING, 847, 3-4-72
WATER DEPTH, 332'

3-4-72
DRLG 13 3/4" HOLE
NB NO. OSC-3A
6.5 HRS

4-4-72

NO BACKGROUND GAS

30' SPLS
DRLG W/ SEAWATER

LS-WH/LT GY V.F.
GR TO GRAN PC
ABNT FORAMS,
SHELL FRAG

CORAL LS A/A

DEPT. NAT. RES & ENV



PE604081